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<110> Estell, David A.

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 Asp Lys Gln Lys Asp Phe Asn Leu Glu Leu Tyr Asn Thr Lys Lys Ser
 1925 1930 1935
 Ile Lys Asp Ile Tyr Lys Ser Leu Ala Asp Glu Val Val Ser Ile Tyr
 1940 1945 1950
 Lys Glu Met Tyr Glu Lys Met Arg Asp Ile Glu Leu Glu Ala His Gln
 1955 1960 1965
 Lys Ala Thr Gln Asp Leu Ile Asp Glu Ile Asp Lys Thr Asp Asp Glu
 1970 1975 1980
 Ala Lys Phe Gln Lys Glu Leu Lys Glu Arg Gln Asp Ser Ile Gln Lys
 1985 1990 1995 2000
 Leu Thr Asp Gln Ile Asn Gln Tyr Ser Leu Asp Asp Ser Glu Phe Gly
 2005 2010 2015
 Lys Ser Lys Val Lys Glu Leu Thr Glu Gln Leu Gln Lys Glu Gln Leu
 2020 2025 2030
 Asp Leu Asp Asp Phe Leu Lys Asp Arg Glu Ser Asn Lys Arg Lys Glu
 2035 2040 2045
 Ala Leu Gln Asp Gln Leu Glu Lys Asp Glu Glu Ser Ile Asn Asn Lys
 2050 2055 2060
 Tyr Asp Asn Leu Val Asn Asp Glu Arg Ala Phe Lys Lys Leu Glu Asp
 2065 2070 2075 2080
 Lys Ile Met Asn Gly Lys Ile Thr Asp Ile Ala Lys Gln Leu Asn Glu
 2085 2090 2095
 Phe Ser Lys Phe Ile Asn Thr Asn Met Glu Ser Ile Gly Lys Ser Ile
 2100 2105 2110
 Ser Asn Asn Leu Ile Asp Lys Leu Lys Glu Ala Ser Asn Ala Leu Asn
 2115 2120 2125
 Thr Ala Val Lys Gly Asn Thr Thr Gly Lys Lys Val Ser Ser Phe Ala
 2130 2135 2140
 Ser Gly Gly Tyr Thr Gly Thr Gly Leu Gly Ala Gly Lys Leu Ala Phe
 2145 2150 2155 2160
 Leu His Asp Lys Glu Leu Ile Leu Asn Lys Thr Asp Thr Ala Asn Ile
 2165 2170 2175
 Leu Asp Thr Val Lys Ala Val Arg Glu Thr Ala Val Asp Asp Ser Pro
 2180 2185 2190
 Lys Trp Gly Gln Gly Val Lys Leu Ala Asp Leu Ile Lys Lys Gly Ile

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2195 2200 2205
 Thr Ser Ile Pro Ser Leu Val Pro Asn Val Asn Gln Ser Met Leu Thr
 2210 2215 2220
 Asn Ser Leu Ile Pro Asn Leu Lys Lys Ile Glu Ile Pro Ser Lys Thr
 2225 2230 2235 2240
 Ile Ala Ser Ser Gly Asp Lys Thr Ile Asn Leu Thr Asn Thr Phe His
 2245 2250 2255
 Ile Asp Lys Leu Ile Gly Gly Glu Ser Gly Ala Arg Ser Met Phe Glu
 2260 2265 2270
 Ser Ile Lys Asn Glu Val Val Lys Leu Asn Gly Ser Met
 2275 2280 2285

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<212> PRT

<213> Pseudomonas

<400> 3

Pro Lys Val Leu Leu Thr Leu Met Val Met Gln Ser Gly Pro Leu Gly
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 Ala Pro Asp Glu Arg Ala Leu Ala Ala Pro Leu Gly Arg Leu Ser Ala
 20 25 30
 Lys Arg Gly Phe Asp Ala Gln Val Arg Asp Val Leu Gln Gln Leu Ser
 35 40 45
 Arg Arg Tyr Tyr Gly Phe Glu Glu Tyr Gln Leu Arg Gln Ala Ala Ala
 50 55 60
 Arg Lys Ala Val Gly Glu Asp Gly Leu Asn Ala Ala Ser Ala Ala Leu
 65 70 75 80
 Leu Gly Leu Leu Arg Glu Gly Ala Lys Val Ser Ala Val Gln Gly Gly
 85 90 95
 Asn Pro Leu Gly Ala Tyr Ala Gln Thr Phe Gln Arg Leu Phe Gly Thr
 100 105 110
 Pro Ala Ala Glu Leu Leu Gln Pro Ser Asn Arg Val Ala Arg Gln Leu
 115 120 125
 Gln Ala Lys Ala Ala Leu Ala Pro Pro Ser Asn Leu Met Gln Leu Pro
 130 135 140
 Trp Arg Gln Gly Tyr Ser Trp Gln Pro Asn Gly Ala His Ser Asn Thr
 145 150 155 160
 Gly Ser Gly Tyr Pro Tyr Ser Ser Phe Asp Ala Ser Tyr Asp Trp Pro
 165 170 175
 Arg Trp Gly Ser Ala Thr Tyr Ser Val Val Ala Ala His Ala Gly Thr
 180 185 190
 Val Arg Val Leu Ser Arg Cys Gln Val Arg Val Thr His Pro Ser Gly
 195 200 205
 Trp Ala Thr Asn Tyr Tyr His Met Asp Gln Ile Gln Val Ser Asn Gly
 210 215 220
 Gln Gln Val Ser Ala Asp Thr Lys Leu Gly Val Tyr Ala Gly Asn Ile
 225 230 235 240
 Asn Thr Ala Leu Cys Glu Gly Gly Ser Ser Thr Gly Pro His Leu His
 245 250 255
 Phe Ser Leu Leu Tyr Asn Gly Ala Phe Val Ser Leu Gln Gly Ala Ser
 260 265 270
 Phe Gly Pro Tyr Arg Ile Asn Val Gly Thr Ser Asn Tyr Asp Asn Asp

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		275					280					285							
Cys	Arg	Arg	Tyr	Tyr	Phe	Tyr	Asn	Gln	Ser	Ala	Gly	Thr	Thr	His	Cys				
	290					295					300								
Ala	Phe	Arg	Pro	Leu	Tyr	Asn	Pro	Gly	Leu	Ala	Leu								
305					310					315									